

Item 10B. Hilby Avenue Traffic Calming Plan

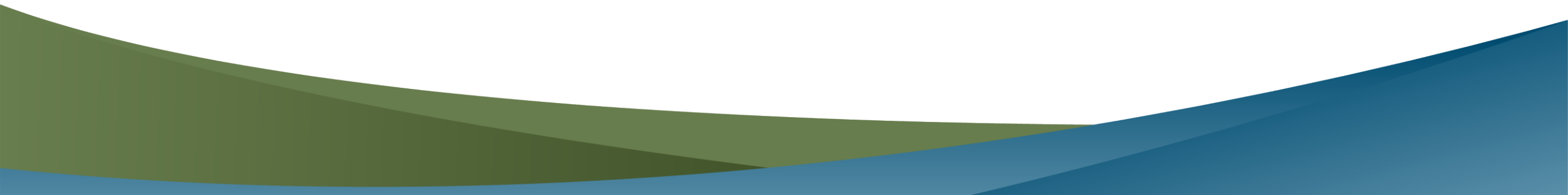
**Approval of Plan and Amendment to the PSA with
Parametrix Inc.**

**Nisha Patel, Public Works Director/ City Engineer
Jimmy Jessup, Venera Mandanas, Parametrix Inc.**

November 2, 2023 | City Council Meeting



Agenda

- Project Goals
 - Existing conditions
 - Community feedback
 - Concept Plans
 - Next Steps
- Objetivos del proyecto
 - Condiciones actuales
 - Comentarios de la comunidad
 - Planes conceptuales
 - Próximos pasos
- 

Project Goals

Objetivos del proyecto



Safety for all users
Seguridad para todos los usuarios



Improve pedestrian safety
Mejorar la seguridad de los peatones



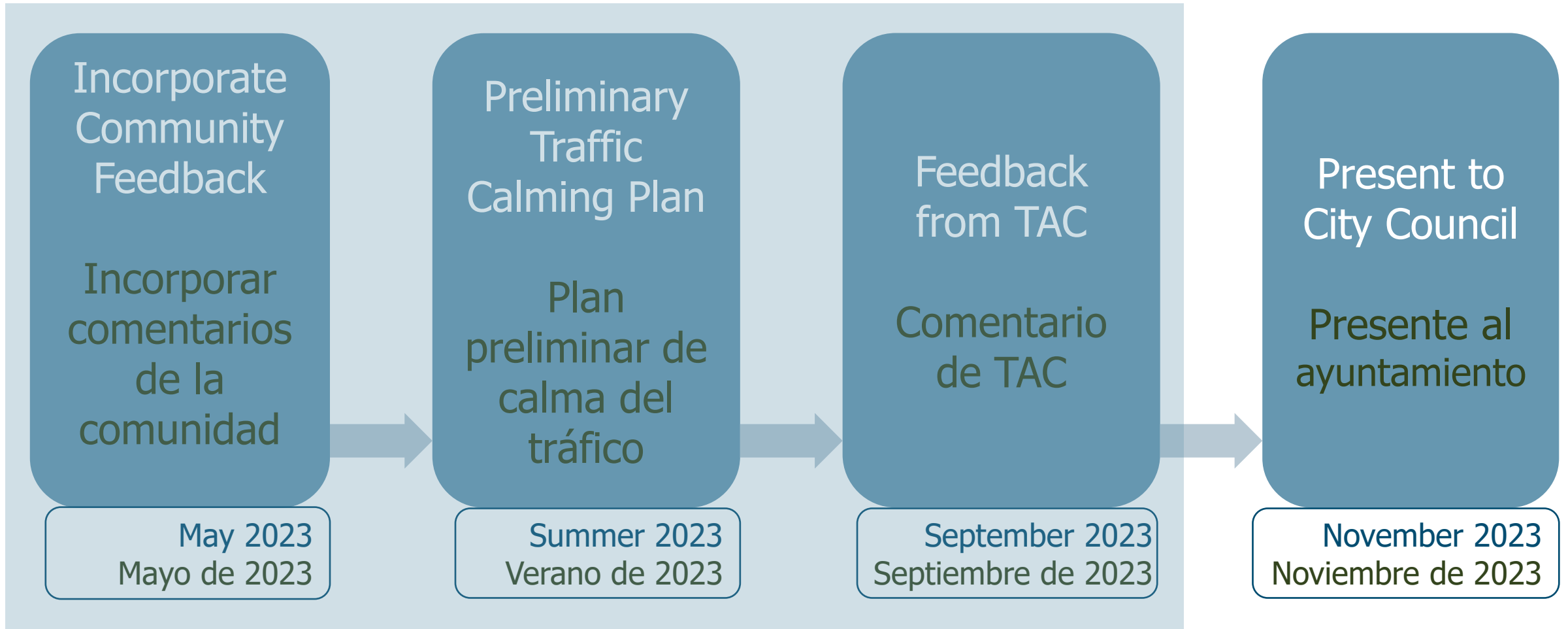
Improve bicycle safety
Mejorar la seguridad de los ciclistas



Reduce driving speeds
Reducir la velocidad

Project Schedule

Calendario del proyecto



Speed Matters

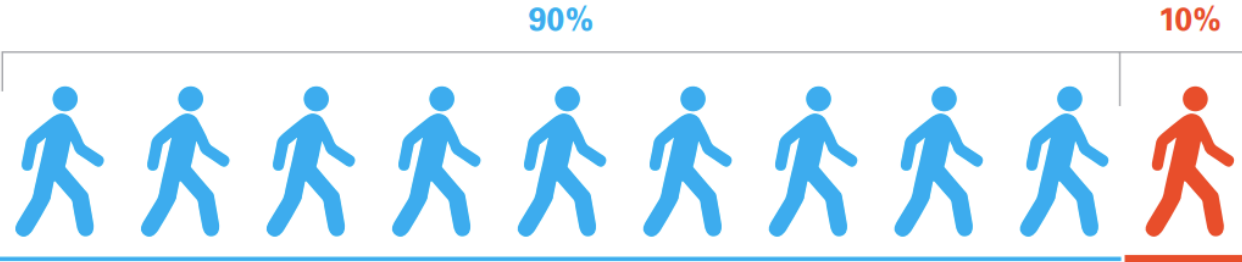
La velocidad importa

Collision speed
Velocidad de colisión

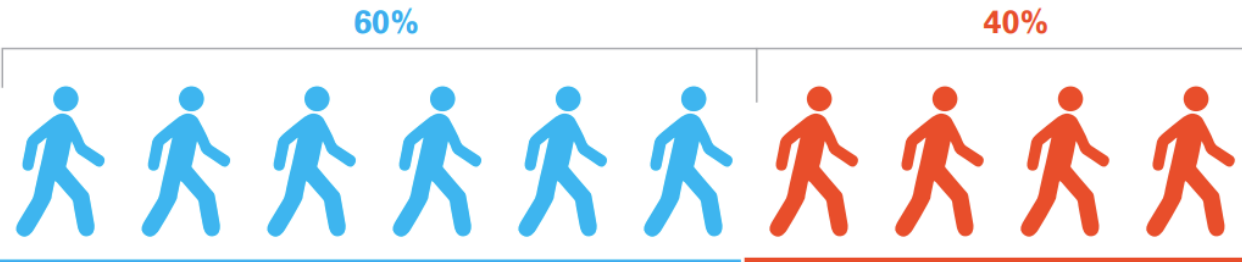
Person survives
Persona sobrevive

Results in fatality
Resulta en fatalidad

20 MPH



30 MPH



40 MPH

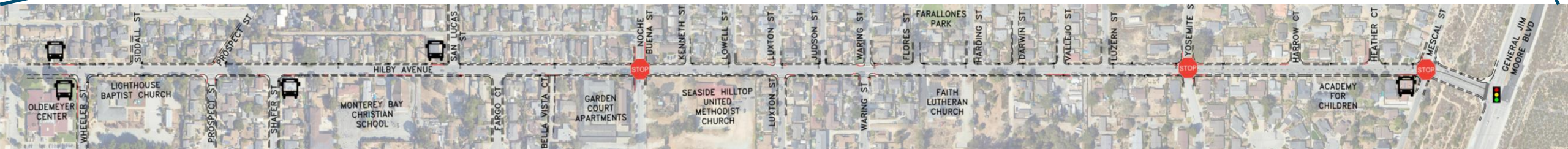
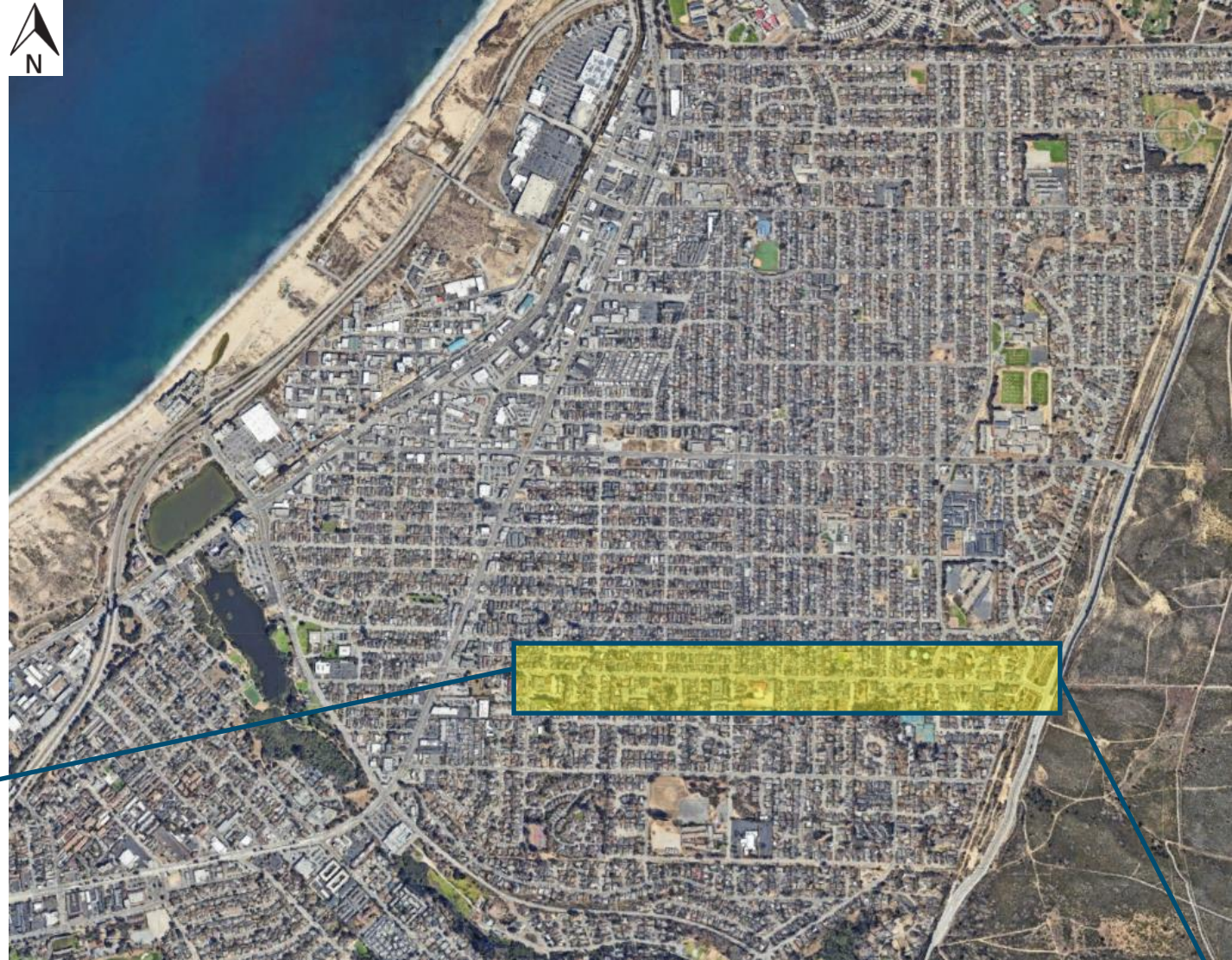


Existing Conditions

Condiiones actuales



Hilby Avenue

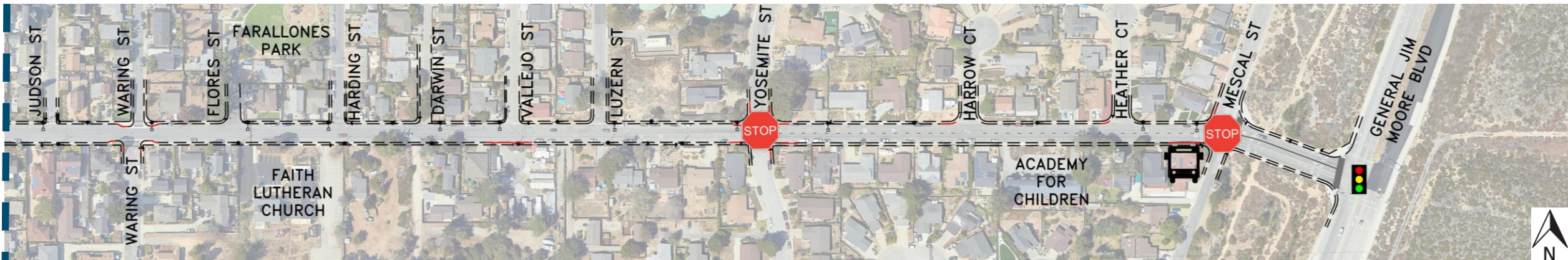


Hilby Avenue

5 

3 

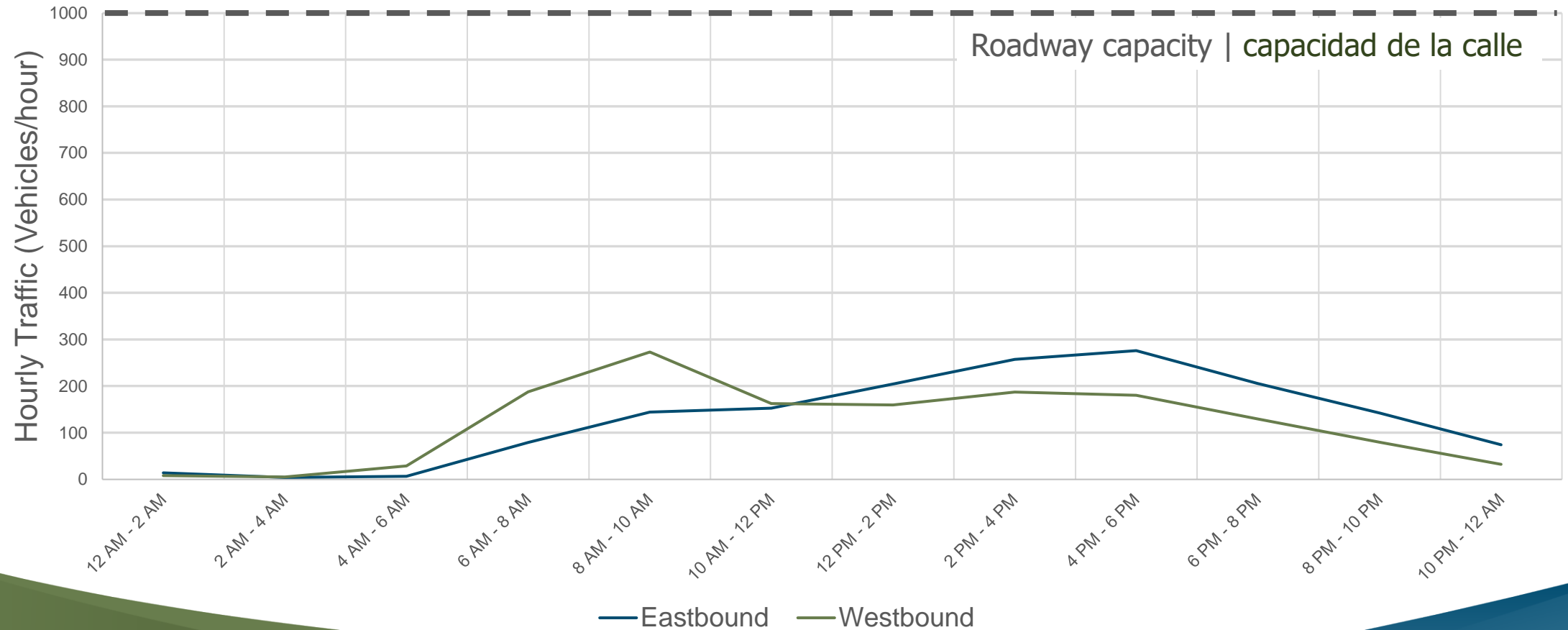
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Daily Traffic

Trafico diario

Hilby at Prospect



Wide Travel Lanes Facilitate Speeding

Carriles anchos influyen en alta velocidad



Speed Velocidad

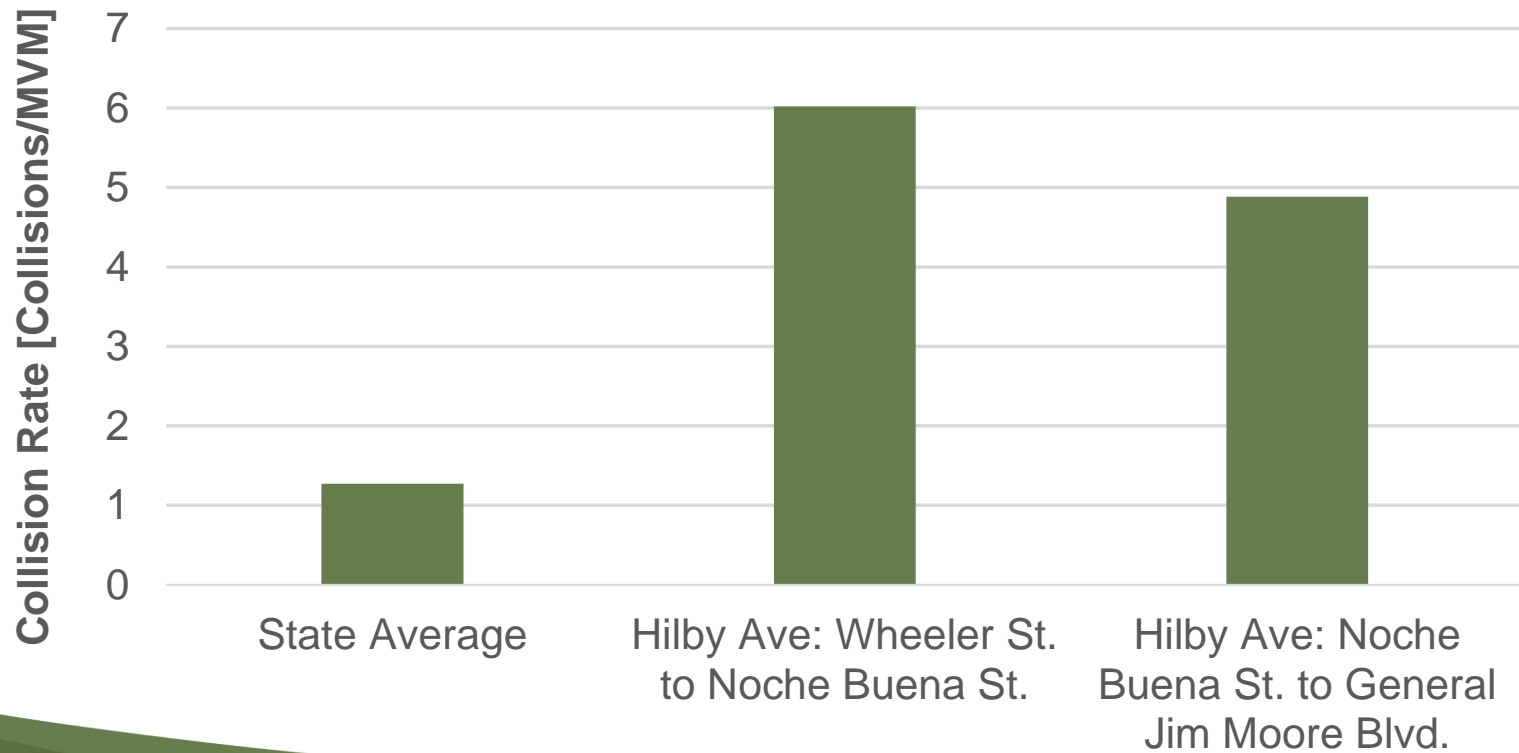
Speed Limit Límite de velocidad	30 mph
Average Speed Velocidad media	32 mph
85 th Percentile Speed Velocidad 85 por ciento	37 mph
Highest Speeds Velocidades más alta	>55 mph



High Collision Rate

Alta tasa de colisión

- 2017-2022: 56 collisions | colisiones



Collision Locations Lugares de colisión

- Intersections and mid-block
- Intersecciones y a mitad de cuadra



Wheeler
(5)

Monterey Bay
Christian School
(5)

Noche Buena
(6)

Vallejo
(5)



Community Feedback

Comentarios de la comunidad

COMMUNITY MEETING



Hilby Avenue Traffic Calming Project
Wednesday, May 17, 2023

Please Join Us at This Community Workshop to Consider Ideas for Improving Health & Safety Along the Hilby Avenue Corridor

Street Experience Walk 5:30 – 6:15 PM

Meet at Hilby Avenue & Wheeler Street* OR Hilby Avenue & Waring Street

Community Input Workshop* 6:30 – 8:00 PM at Oldemeyer Center, 986 Hilby Avenue

Proyecto calma de tráfico para Hilby Avenue
Miércoles 17 de mayo, de 2023

Por favor únase a nosotros en este taller comunitario para considerar ideas para mejorar la salud y la seguridad a lo largo del corredor de Hilby Avenue

Camino de Experiencia para la Calle 5:30-6:15 PM

Nos reuniremos en Hilby Avenue y Wheeler Street* o Hilby Avenue & Waring Street

Taller para opiniones de la comunidad* 6:30-8:00 PM en Oldemeyer Center, 986 Hilby Ave.

To share your feedback, scan the QR code and take the survey

Para compartir sus comentarios, escanea el código QR y toma la encuesta

*Spanish interpretation available / Interpretación en español disponible



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May 2023: Street Experience Walk

- 2 locations, ~30 participants
 - Hilby & Wheeler
 - Hilby & Waring
- Observation of existing conditions

- 2 ubicaciones, ~30 participantes
 - Hilby & Wheeler
 - Hilby & Waring
- Observar las condiciones actuales



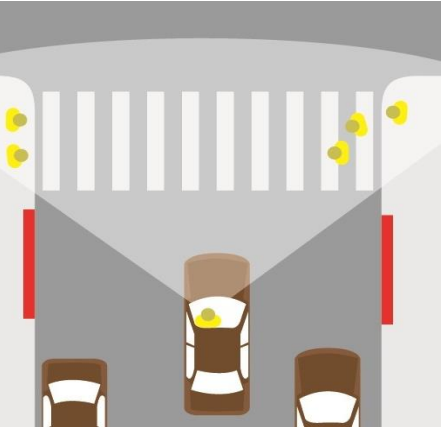
May 2023: Presentation with Q&A



- Review existing conditions
- Introduce traffic calming toolkit
- Revisar las condiciones actuales
- Introducir la caja de metodos para calma del tráfico

Traffic Calming Toolkit

Caja de metodos para calma el tráfico



May 2023: Annotation Workshop



- Collect feedback
 - General thoughts on traffic calming toolkit measures
 - Specific locations for potential implementation
- Recibir opiniones
 - Opiniones generales sobre las medidas de la caja de metodos para calma del tráfico
 - Ubicaciones específicas para la posible implementación

Online Survey

Encuesta por internet

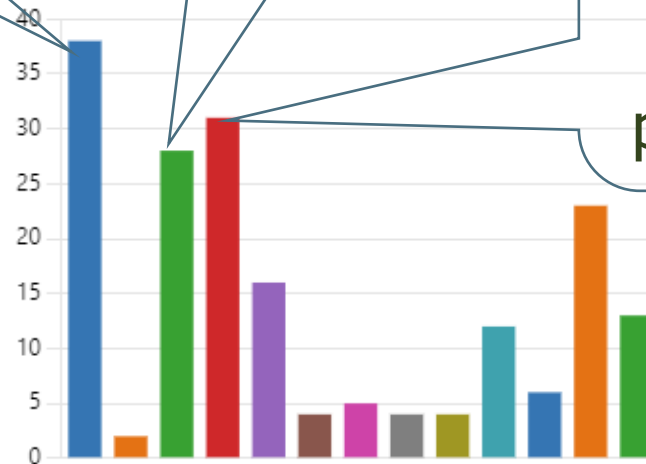
71 responses
71 respuestas

Most challenging when using Hilby:
Más desafiante cuando usando Hilby:

Traffic Speed
Velocidad del tráfico

Safety of people biking
Seguridad de las personas en bicicleta

Safety of people walking
Seguridad de las personas que caminan



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What We've Heard

Comentario

"It's very dangerous"

"Es muy peligroso"

"People drive way too fast"

"La gente conduce demasiado rápido"

"Speed is a problem"

"La velocidad es un problema"

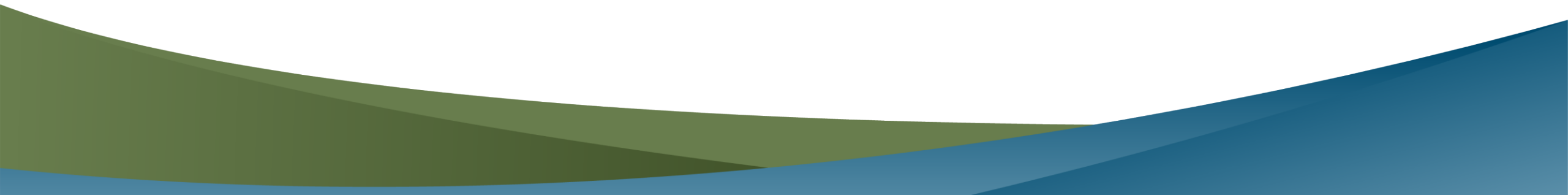
"Everyone's always in a rush"

"Todos siempre tienen prisa"

"It's like a raceway"

"Es como una pista de carreras"

Feedback Themes

- High speeds, especially going downhill
 - Lack of existing 'obstacles' to slow traffic
 - Difficulty approaching Hilby from side streets and seeing oncoming vehicles
 - Numerous collisions occurring
- Altas velocidades, especialmente cuesta abajo
 - Falta de 'obstáculos' existentes para reducir la velocidad del tráfico
 - Dificultad llegando a Hilby desde calles laterales y ver vehículos que se aproximan
 - Numerosas colisiones ocurren
- 

Feedback Integration

- Implemented:
 - Roadway striping
 - Improve sightlines
 - Median islands
 - Pedestrian crosswalk at Wheeler
 - Speed humps
- Not implemented:
 - Speed feedback signs (more negative feedback received)
 - Speed cameras (legal basis does not currently exist)
 - Neighborhood roundabouts (high cost; alternate future concept at Hilby/Mescal)

Concept Plans

Planes conceptuales



Traffic Calming Approach

Edgeline /
Centerline
Striping

Improve
Sightlines

Median
Islands

Additional
Pedestrian
Crossing

Speed
Cushions

Location

Throughout
Corridor

All
intersections

~800 ft spacing
(~15-20 travel
seconds)

Wheeler St

~700 ft spacing

Example



Speed
Reduction
(Ref.)

1-2 mph

(Martens, et al. (1997);
Fitzpatrick et al. (2000))

Turning safety
improvement

2.2 mph

(Corcle et al. (2001))

1-2 mph

(Knoblauch et al. (1999))

High-speed
vehicles: from
14% to 1%

(FHWA)

Traffic Calming Locations

Median islands

Future alternative –
neighborhood traffic circle

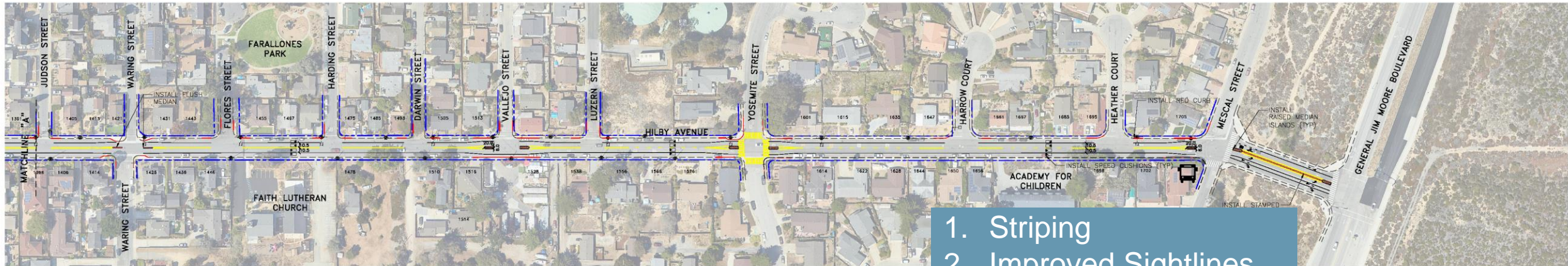
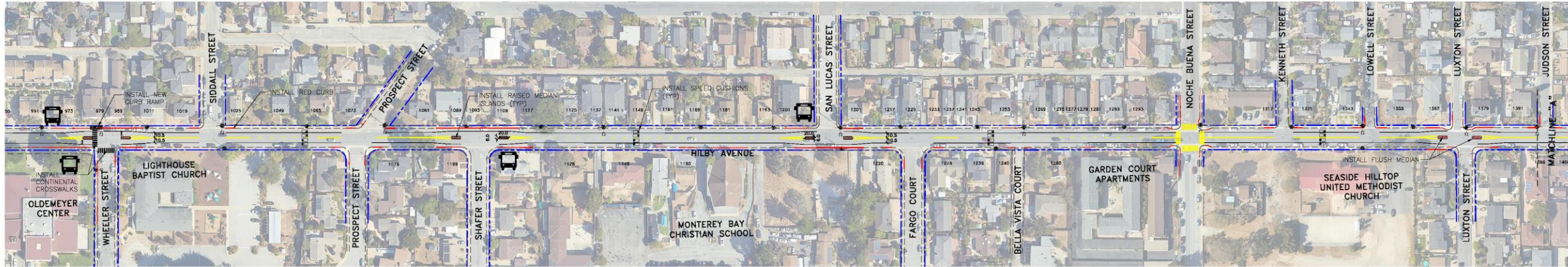


Add pedestrian crosswalk

Striping,
Improve sightlines
(throughout corridor)

Add Speed Cushions

Traffic Calming Concept Plan



1. Striping
2. Improved Sightlines
3. Median Islands
4. Additional Crosswalk
5. Speed Cushions

CITY OF SEASIDE
HILBY AVENUE TRAFFIC CALMING

Feedback from TAC

Draft Plan presented September 19th, 2023

- TAC voted unanimously: recommend that City Council approve Draft Plan
- Community input for improvement will be evaluated and, if feasible, incorporated into final design
 - Additional traffic calming for lower Hilby (between Fremont Boulevard and Canyon Del Rey Boulevard)
 - Class III bicycle facility along corridor (“sharrows”)
 - Additional pedestrian crosswalks near transit stops
 - Further design coordination with MST
 - Review and update of corridor signage



Next Steps

Próximos pasos



PSA Amendment Scope of Work

- Project management;
- Draft construction documents (PS&E);
- Final design plans;
- Bidding support and construction coordination; and
- Public outreach

Next Steps

- November 2, 2023 – Approve Hilby Avenue Traffic Calming Plan and execute and amendment to the PSA with Parametrix Inc. for final design and construction bid documents
- February/March 2024 – Public Bid the project of construction
- April 2024 – Approve Plans & Specs and Award Construction Contract
- May 2024 – Begin Construction

Fiscal Impact

Item	Amount
PS&E Design Costs	\$96,870.00
Approved Traffic Calming Budget (Hilby Ave, San Pablo, & Ord Terrace School Xing)	\$640,000.00
Budget Remaining	\$543,130.00

Recommendation

Adopt a resolution approving the Hilby Avenue Traffic Calming Plan and authorizing the City Manager to execute an amendment to the PSA with Parametrix, Inc. to design and prepare bid documents for the Hilby Avenue Traffic Calming Improvements Project for an amount not to exceed \$96,870.00.